

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032343.D
 Acq On : 03 Oct 2025 11:10
 Operator : SY/MD
 Sample : Q3262-04RE
 Misc : 4.70g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MOO-25-0282RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 05:00:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.959	168	173416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	382768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	288389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	68361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	172766	68.304	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 136.600%			
35) Dibromofluoromethane	7.898	113	141685	57.158	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 114.320%			
50) Toluene-d8	10.325	98	365416	39.941	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 79.880%			
62) 4-Bromofluorobenzene	12.617	95	97923	28.318	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 56.640%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.204	59	12145	63.435	ug/l #	88
52) Toluene	10.392	92	12372	1.812	ug/l	98
68) m/p-Xylenes	11.837	106	13480	3.305	ug/l	96
69) o-Xylene	12.166	106	5320	1.395	ug/l	88
80) 1,3,5-Trimethylbenzene	12.940	105	12021	2.972	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	40690	9.895	ug/l	100
86) p-Isopropyltoluene	13.495	119	57952m	13.773	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

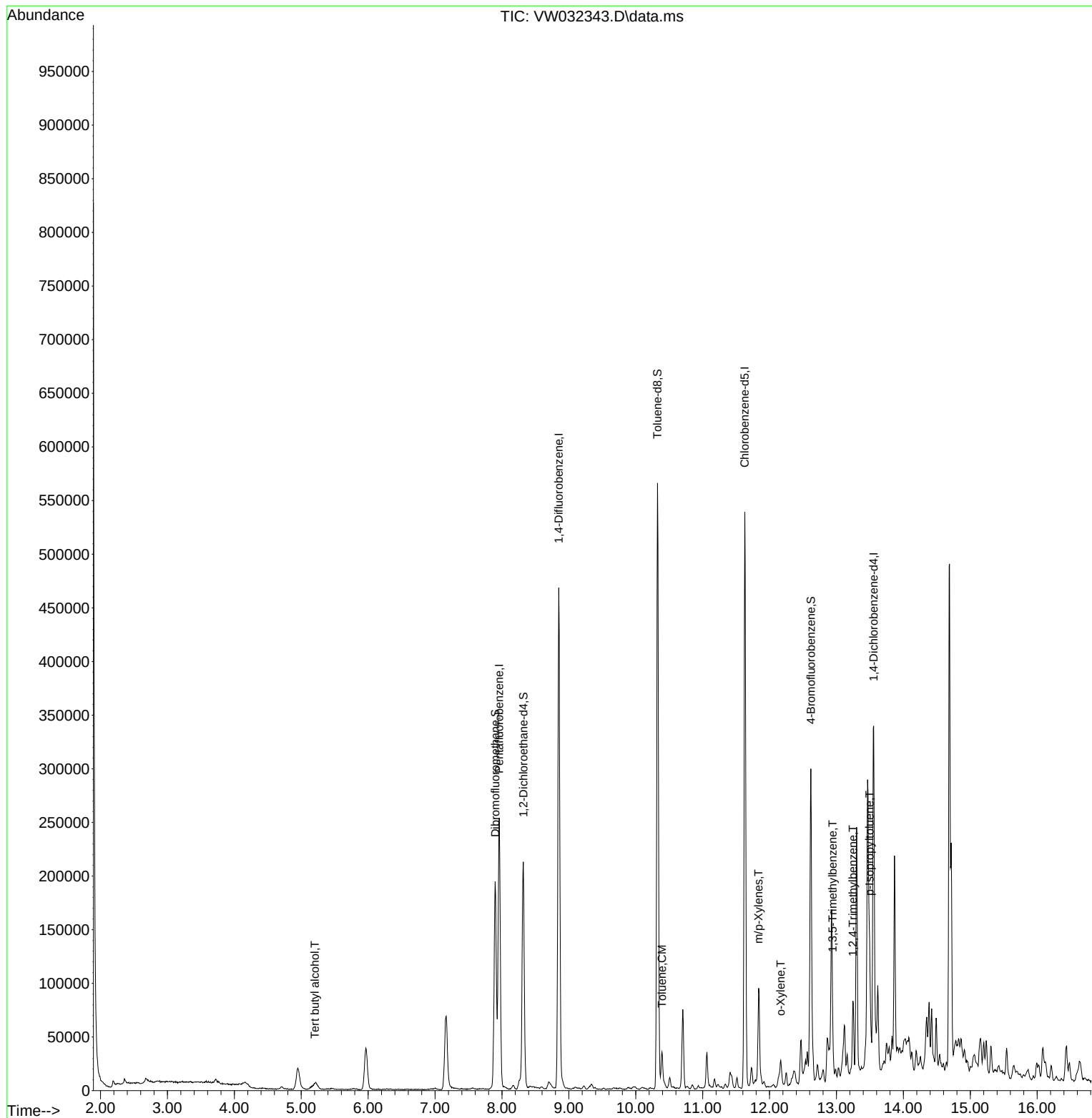
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032343.D
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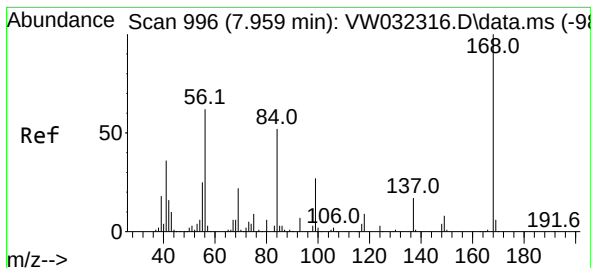
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0282RE

Quant Time: Oct 04 05:00:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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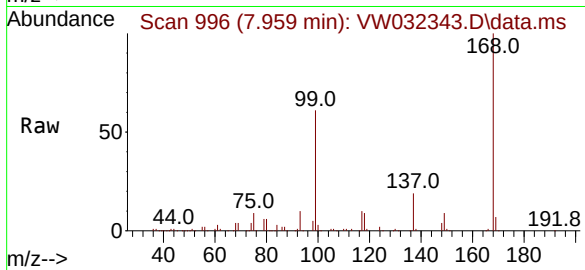
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032343.D
Acq: 03 Oct 2025 11:10

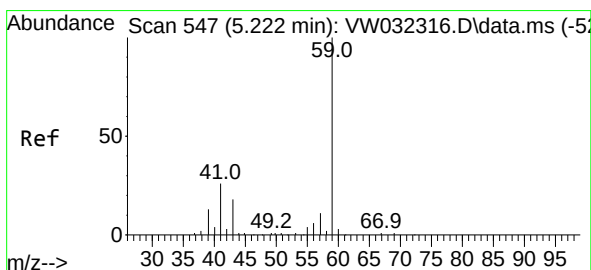
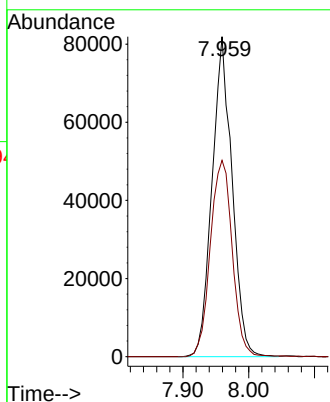
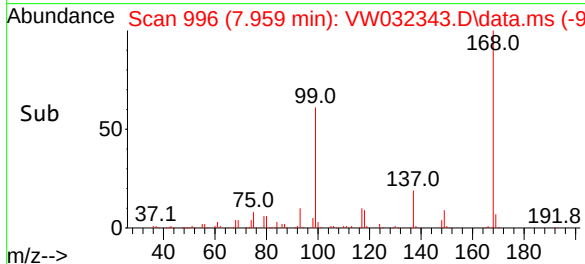
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0282RE



Tgt Ion:168 Resp: 173410
Ion Ratio Lower Upper
168 100
99 61.3 49.3 73.9

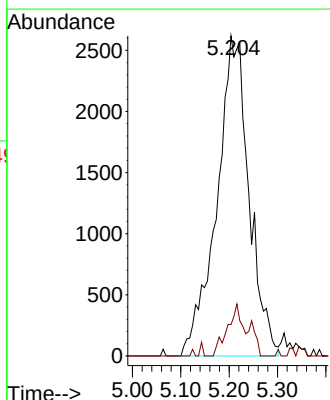
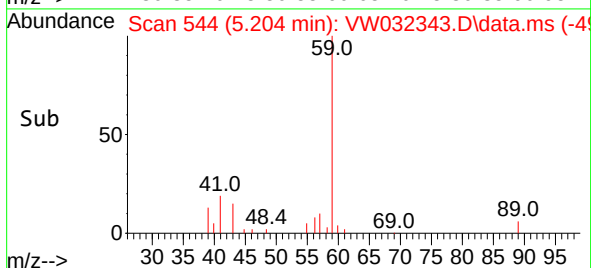
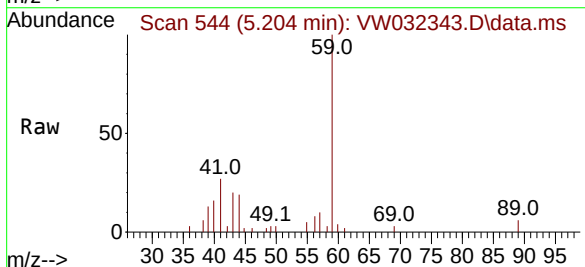
Manual Integrations
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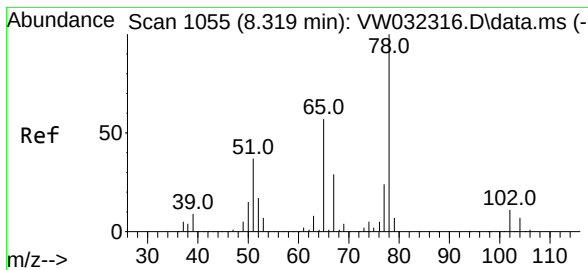
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



#11
Tert butyl alcohol
Concen: 63.435 ug/l
RT: 5.204 min Scan# 544
Delta R.T. -0.018 min
Lab File: VW032343.D
Acq: 03 Oct 2025 11:10

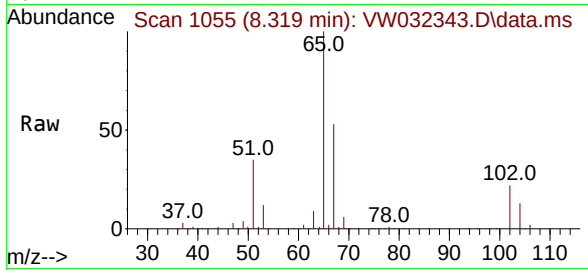
Tgt Ion: 59 Resp: 12145
Ion Ratio Lower Upper
59 100
57 7.5 9.8 14.6#





#33
 1,2-Dichloroethane-d4
 Concen: 68.304 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032343.D
 Acq: 03 Oct 2025 11:10

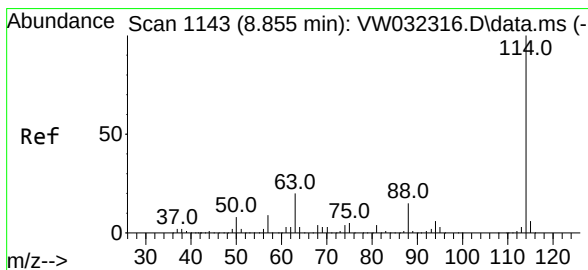
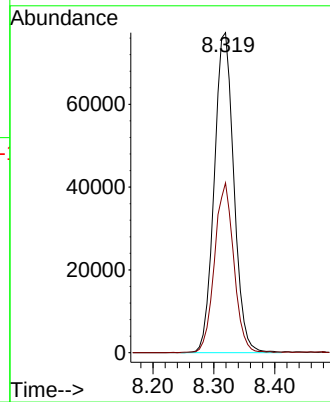
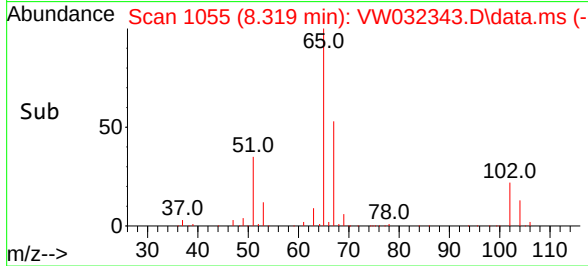
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 MOO-25-0282RE



Tgt Ion: 65 Resp: 172760
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 99.6

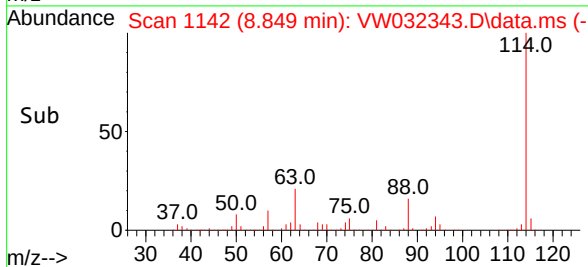
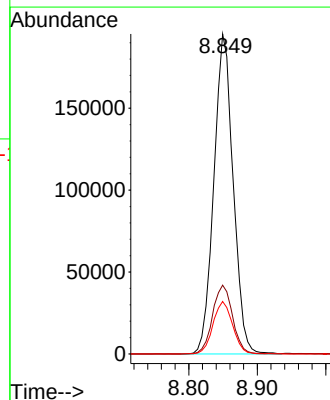
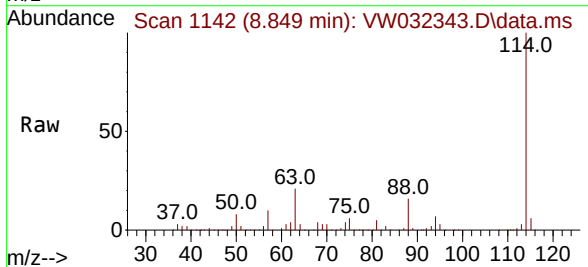
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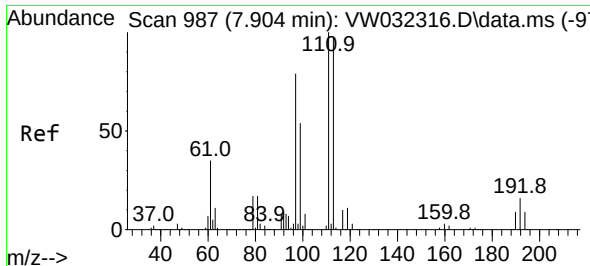
Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032343.D
 Acq: 03 Oct 2025 11:10

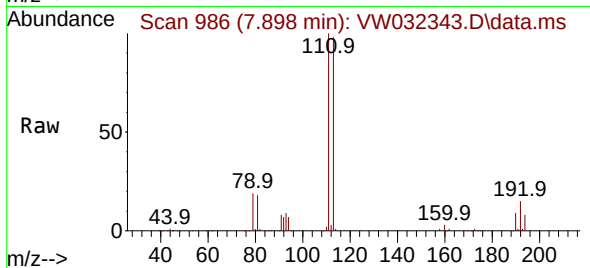
Tgt Ion:114 Resp: 382768
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.4
 88 16.4 0.0 32.0





#35
 Dibromofluoromethane
 Concen: 57.158 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032343.D
 Acq: 03 Oct 2025 11:10

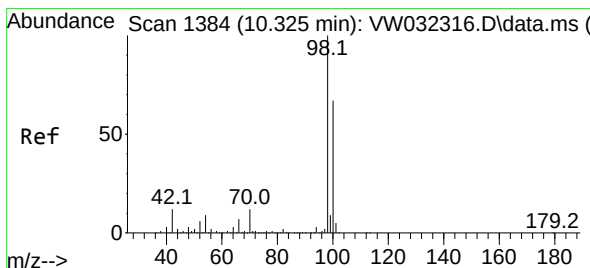
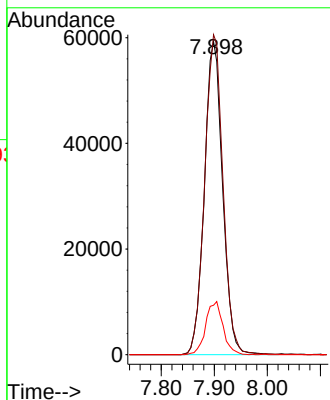
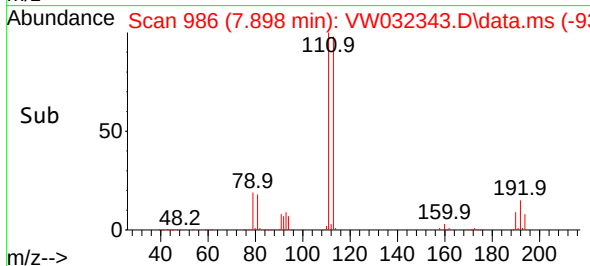
Instrument :
 MSVOA_W
 ClientSampleId :
 MOO-25-0282RE



Tgt Ion: 113 Resp: 14168
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.9 125.9
 192 16.1 14.6 21.8

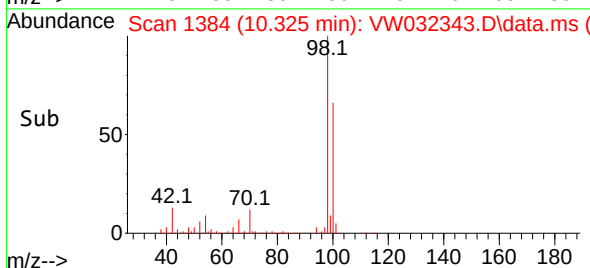
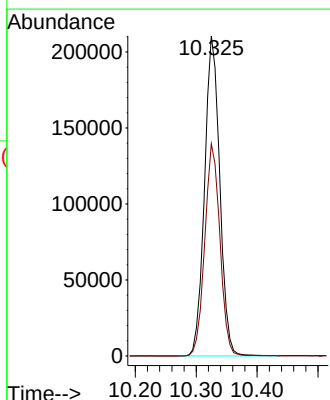
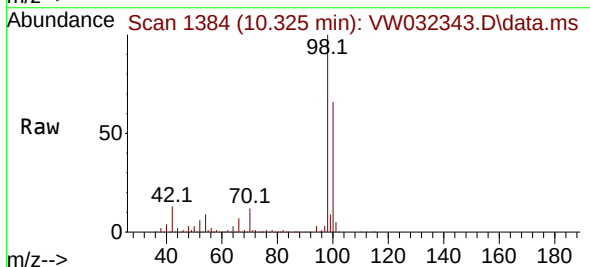
Manual Integrations
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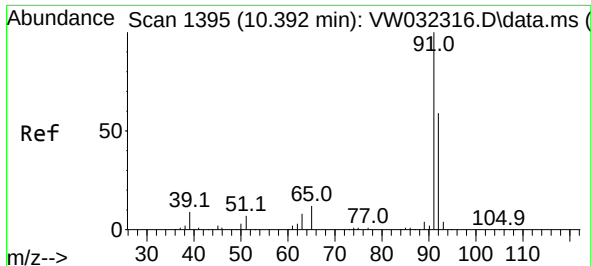
Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025



#50
 Toluene-d8
 Concen: 39.941 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032343.D
 Acq: 03 Oct 2025 11:10

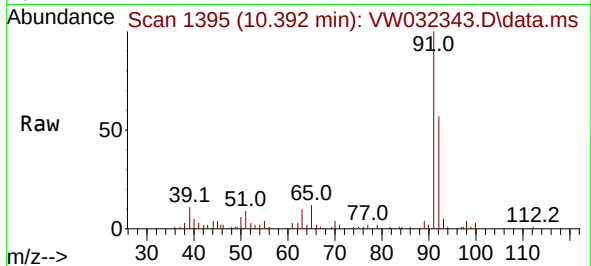
Tgt Ion: 98 Resp: 365416
 Ion Ratio Lower Upper
 98 100
 100 66.1 51.4 77.2





#52
Toluene
Concen: 1.812 ug/l
RT: 10.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032343.D
Acq: 03 Oct 2025 11:10

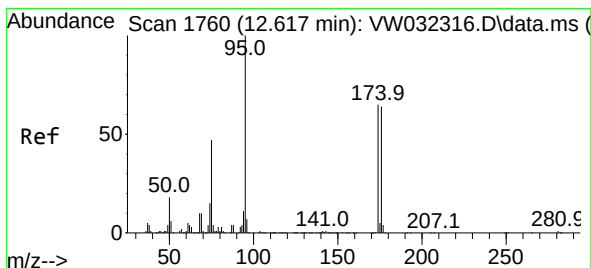
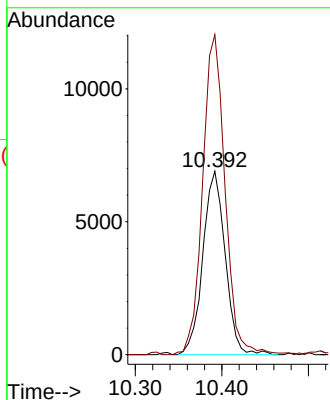
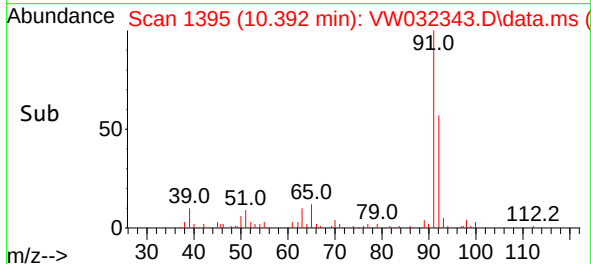
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ClientSampleId :
MOO-25-0282RE



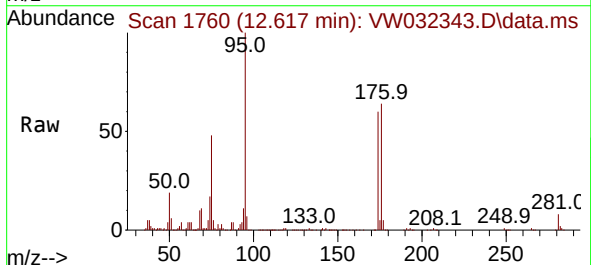
Tgt Ion: 92 Resp: 1237
Ion Ratio Lower Upper
92 100
91 175.0 137.5 206.3

Manual Integrations
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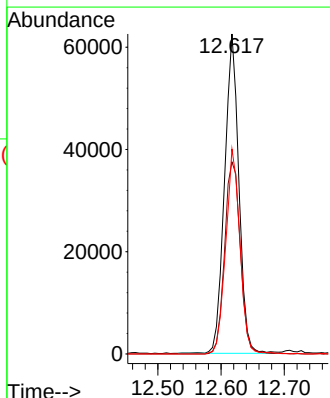
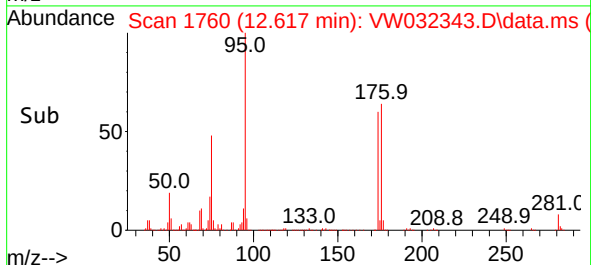
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

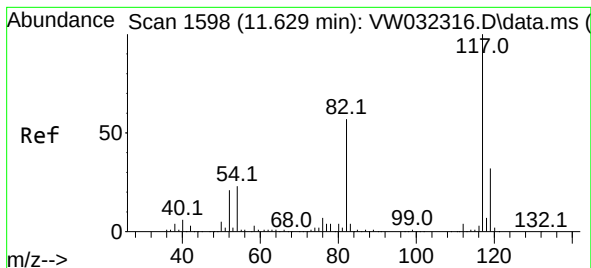


#62
4-Bromofluorobenzene
Concen: 28.318 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032343.D
Acq: 03 Oct 2025 11:10



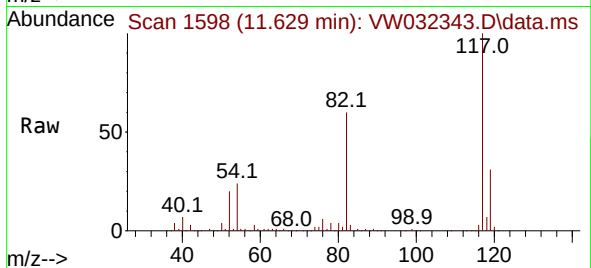
Tgt Ion: 95 Resp: 97923
Ion Ratio Lower Upper
95 100
174 65.9 0.0 145.6
176 63.9 0.0 140.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032343.D
Acq: 03 Oct 2025 11:10

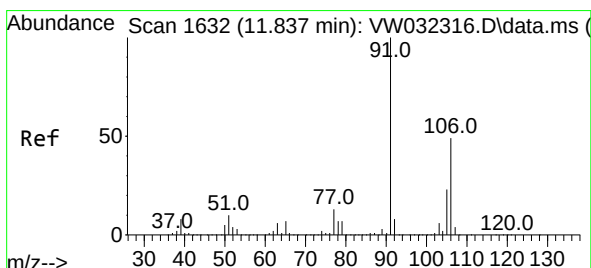
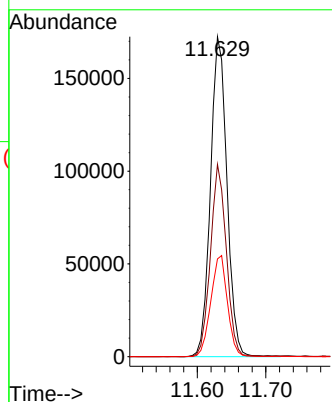
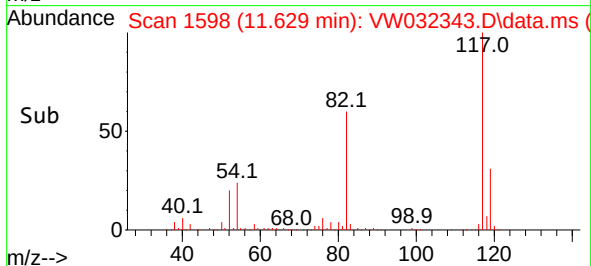
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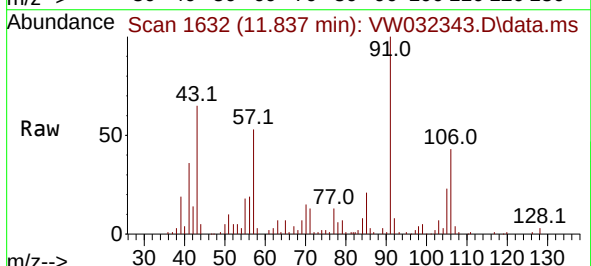
Tgt Ion:117 Resp: 288389
Ion Ratio Lower Upper
117 100
82 60.1 42.7 64.1
119 30.6 25.2 37.8

Manual Integrations
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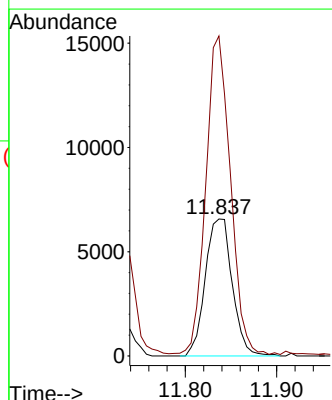
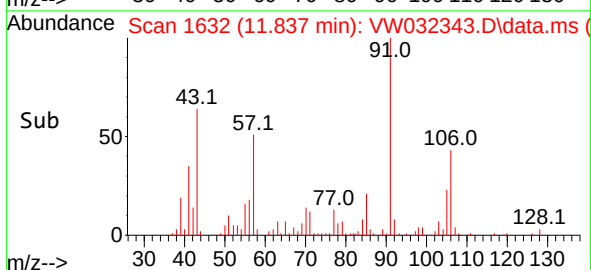
Reviewed By :Mahesh Dadoda 10/06/2025
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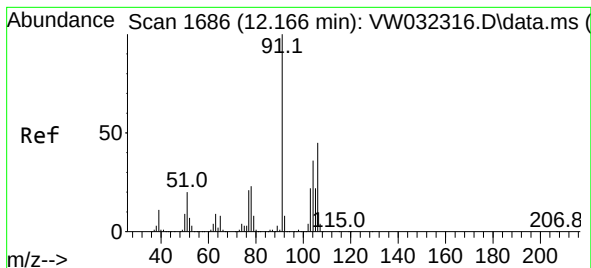


#68
m/p-Xylenes
Concen: 3.305 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032343.D
Acq: 03 Oct 2025 11:10



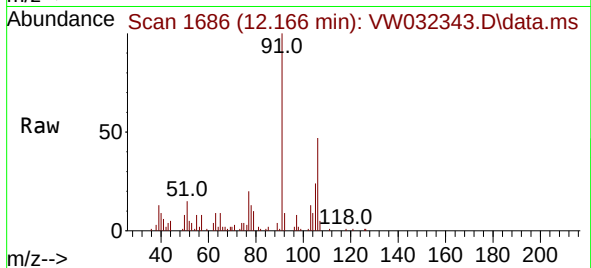
Tgt Ion:106 Resp: 13480
Ion Ratio Lower Upper
106 100
91 211.8 164.2 246.2





#69
o-Xylene
Concen: 1.395 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032343.D
Acq: 03 Oct 2025 11:10

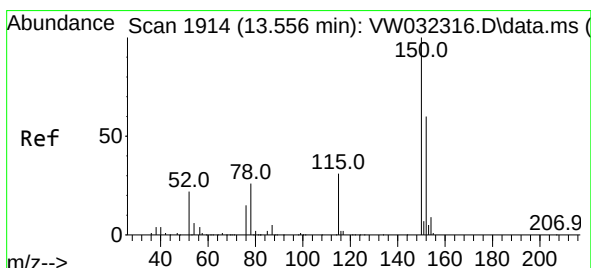
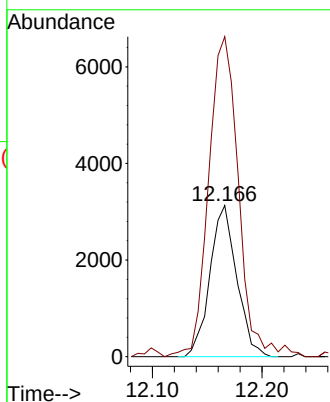
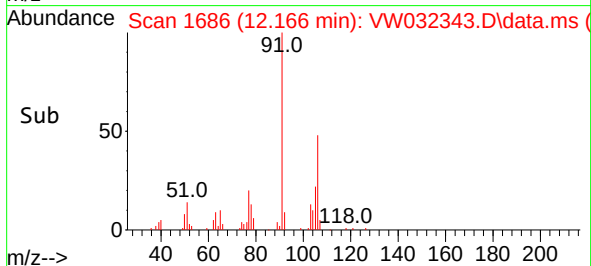
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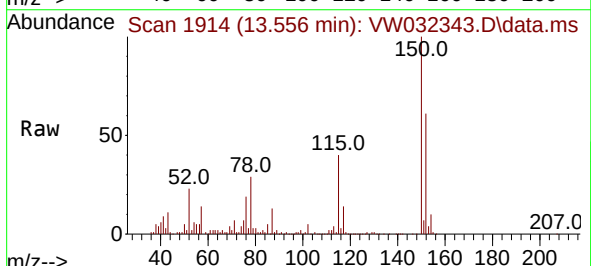
Tgt Ion:106 Resp: 5320
Ion Ratio Lower Upper
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91 236.0 108.7 326.3

Manual Integrations
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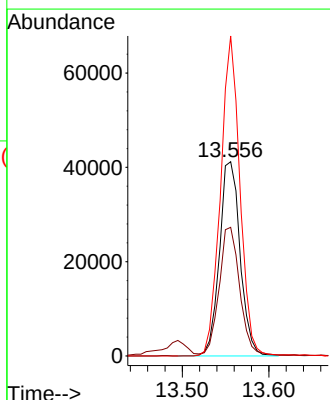
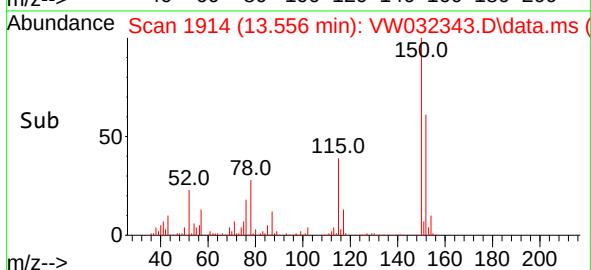
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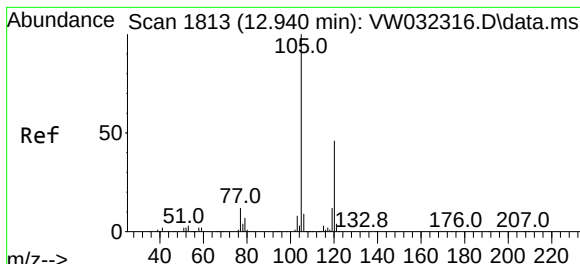


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032343.D
Acq: 03 Oct 2025 11:10



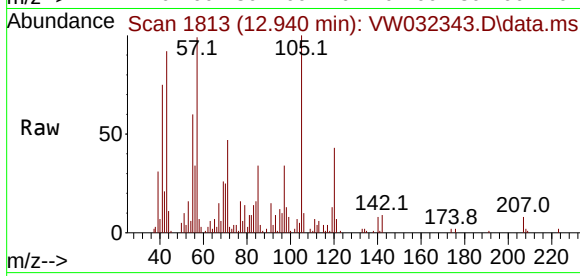
Tgt Ion:152 Resp: 68361
Ion Ratio Lower Upper
152 100
115 65.6 31.8 95.4
150 154.7 0.0 343.0





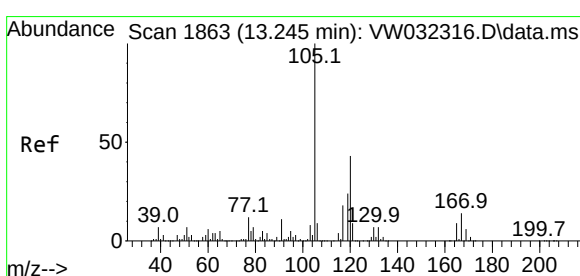
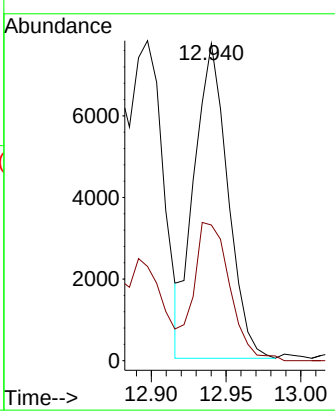
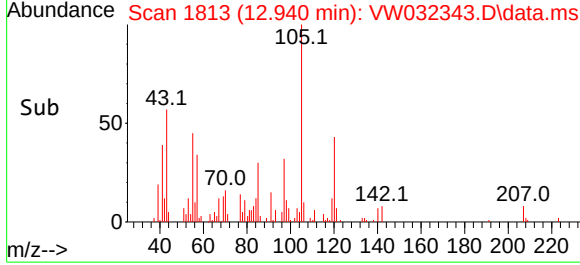
#80
 1,3,5-Trimethylbenzene
 Concen: 2.972 ug/l
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW032343.D
 Acq: 03 Oct 2025 11:10

Instrument : MSVOA_W
 ClientSampleId : MOO-25-0282RE

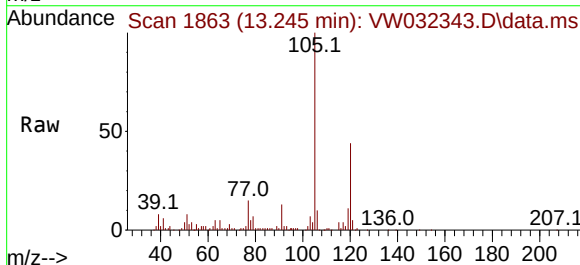


Tgt Ion:105 Resp: 1202
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.8 74.4

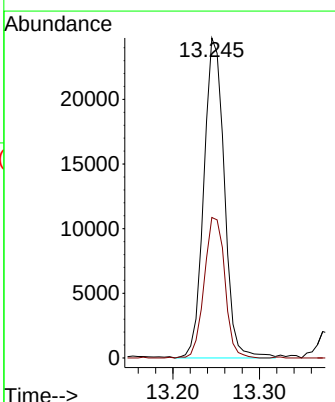
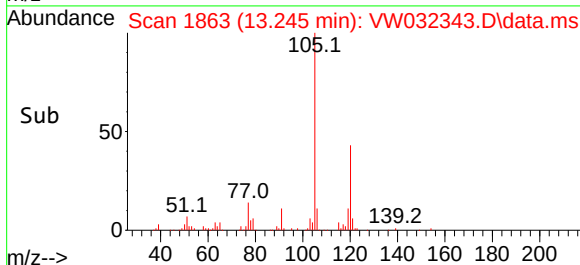
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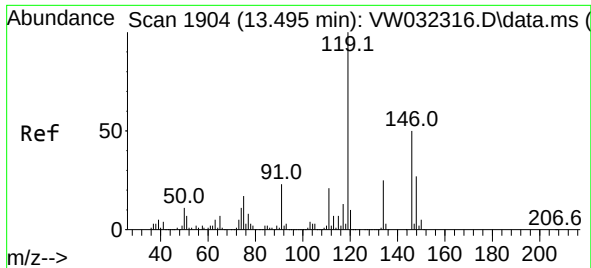


#84
 1,2,4-Trimethylbenzene
 Concen: 9.895 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032343.D
 Acq: 03 Oct 2025 11:10



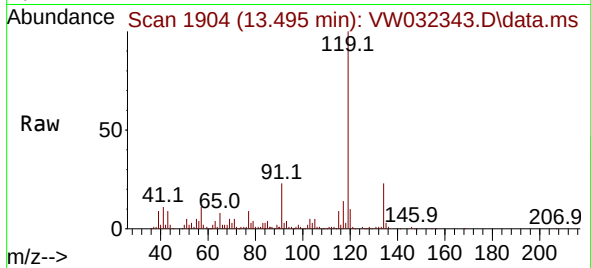
Tgt Ion:105 Resp: 40690
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.3





#86
 p-Isopropyltoluene
 Concen: 13.773 ug/l m
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032343.D
 Acq: 03 Oct 2025 11:10

Instrument :
 MSVOA_W
 ClientSampleId :
 MOO-25-0282RE



Tgt Ion:	119	Resp:	5795
Ion Ratio	Lower	Upper	
119	100		
134	1.5	12.6	37.6
91	1.7	12.4	37.0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

